

2021 BARC Newsletter

Towards Building Advanced Intelligent System for Agriculture

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15th August National

Mourning Day

He always thought, if agriculture is not managed effectively, no development of the country can go properly.

With due solemnity, Bangladesh Agricultural Research Council observed National Mourning Day on 15th August, 2021 marking the 46th death anniversary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman. Dr. Shaikh Mohammad Bokhtiar, the Executive Chairman, BARC accompanied by the high officials and staffs paid homage to the Father of the Nation by placing wreaths at the statue of Bangabandhu Sheikh Mujibur Rahman in BARC campus as well as Krishibid Institution.



Doa Mahfil and discussion program observing National Mourning Day

Later, a discussion meeting to commemorate the life and activities of Bangabandhu Sheikh Mujibur Rahman and a Doa Mahfil were held at BARC auditorium in presence of Hon'ble Agriculture Minister, Dr. Muhammad Abdur Razzaque, MP as chief guest and Senior Secretary Md. Mesbahul Islam as chairperson of the program.



Executive Chairman, BARC with his staff placing floral wreaths on 15 August, 2021



Rally showing respect to the Father of the Nation Bangabandhu by MoA on 15 August at BARC

Independence Award Greetings Exchange Ceremony



Independence Award 2021 Certificate awarded to BARC



BARC Executive Chairman Dr. S M Bokhtiar being greeted on getting Independence Award 2021

On 20 May, 2021 a greetings exchange ceremony was held at Bangladesh Agricultural Research Council (BARC) auditorium on the event of getting ‘Independence Award’ 2021, the highest civilian award of the country in recognition of BARC’s glorious and meritorious contribution to

agricultural research and training.

Member Directors, Directors, Scientists, Officers, Staff participated the program. The Executive Chairman of BARC, Dr. Shaikh Mohammad Bokhtiar was present as the chief guest.

The Cabinet Division issued the

award declaration on 7 March, 2021. Due to the Pandemic, the ‘Independence Award’ giving program was held at Gonobhaban on 20 May, 2021. Hon’ble Prime Minister Sheikh Hasina handed over the Independence Award to Dr. Shaikh Mohammad Bokhtiar, Executive Chairman of BARC.

National Workshop on Improved Management of Mango to Enhance Export Assuring Quality and Safety

A national Workshop on *Improved Management of Mango to Enhance Export Assuring Quality and Safety* organized by Hortex Foundation was held at BARC on 23 August. Post-harvest management expert of the foundation, Md. Atiqur Rahman presented a research paper on various problems and possibilities from mango production to export. According to his studies, mangoes are wasted in harvesting stages due to a lack of efficiency in harvesting from trees, low-quality packaging system, not maintaining a cold chain in storage and not having a proper chain of transport. These problems reduce the shelf life of mangoes.

Agriculture Minister Dr. Muhammad Abdur Razzaque, MP was present as chief guest in the



Hon’ble Minister for Agriculture Dr. Muhammad Abdur Razzaque, MP Addressing the workshop

meeting. In his speech, he said that the export of only 1,600 tonnes from the production of about 25 lakh tonnes of mangoes was not a good news at all. He directed the departments concerned to take steps to ensure that mango exports

should exceed one lakh tonnes within the next three to five years.

Hon’ble Minister informed that activities of setting up three vacuum heat treatment plants to ensure safe mangoes are ongoing.

Besides, work is ongoing to keep mangoes safe from production to shipment by implementing good agricultural practices and issuing phytosanitary certificates. As a result, mango exports have increased five times this year as compared to that last year.

He emphasized the urgency of increasing shelf life of mango by about nine to ten days to enhance

export. He referred to the finding of the study that the use of fruit bagging technology alone can increase the shelf life of mangoes and reduce the use of pesticides by 70-90 percent.

Hon'ble Minister showed his disappointment again on the matter that Bangladesh ranks 7th in the world in mango production but at the bottom in export. He referred to

the FAO statistics of agricultural data that 52.08 million mangoes were produced worldwide in 2018 of which 37.81 million tonnes were produced in Asia. So, he suggested to concerned departments to take insight from the suggestions and recommendations of the paper to reduce post-harvest loss and to increase shelf life of the mango for enhancing export.

Felicitations Program for Promotion (Grade-1) of the Executive Chairman

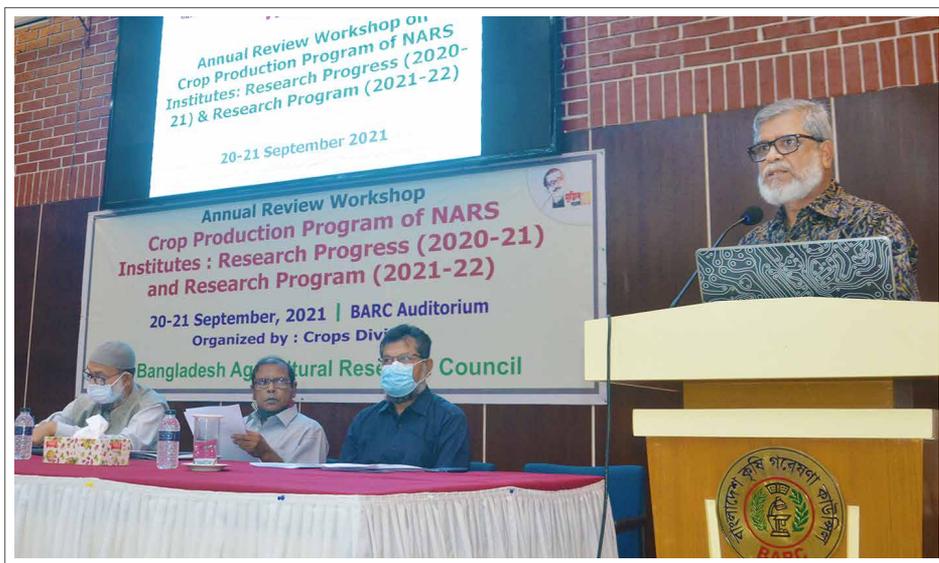


Felicitations program for promotion (Grade-1) of Dr. S M Bokhtiar the Executive Chairman of BARC

The Executive Chairman of BARC Dr. S M Bokhtiar got promoted to grade-1 on 31 August, 2021. All the officers and staff of BARC were highly delighted on his achievement. A felicitations program was arranged by BARC officials to express the delight on the achievement of their admirable Executive Chairman. Member Directors, Directors, Scientists, Officers, Staff participated the program.

Annual Review Workshop on Crop Production Program of NARS Institutes

A review workshop on *Crop Production Program* of NARS Institutes was held at BARC during 20-21 September, 2021. The objectives of the workshop were to review the research progress (2020-21) and program (2021-22) of seven NARS institutes viz. BARI, BRRI, BINA, BJRI, BSRI, BWMRI and CDB in order to avoid duplication of research after appraising proposed programs aligning various national vision documents and research priority. Scientists and academia of the relevant fields of research institutes



Dr. Shaikh Mohammad Bokhtiar, EC, BARC addressing on Crop Production program of NARS Institutes

and agricultural universities attended the workshop as expert members and provided various remarks/suggestions for incorporation while planning future research programs. In the inaugural session Dr. Shaikh Mohammad Bokhtiar, Executive Chairman, BARC was present as chief guest. He applauded scientists for their outstanding works towards present agricultural achievements, especially in rice self-sufficiency. He stressed to concentrate on promoting commercial agriculture and aspects of 4IR in the context of climate vulnerability and increased

demand for nutrition rich high value crops. He encouraged scientists to publish their research articles in reputed journals for career-build-up as well as international exposure. All concerned were requested to take challenges of increased food demand due to increasing population from a declining natural resource base.

Six expert members viz. Dr. Rafiqul Islam Modal, former DG, BARI; Dr. Paresh Chandra Golder, former Member Director; Prof. Md. Moynul Hoque, Department of Agronomy, BSMRAU; Prof.

Moin us Salam, FAO consultant; Dr. Md. Abdul Quayum, former CSO, BARI; Dr. Md. Mahbubur Rahman Khan, former CSO, BARI attended the technical sessions for over-viewing and providing appropriate suggestions for further improvement of the programs. There were four technical sessions chaired by Dr. Rafiqul Islam Modal, former DG, BARI; Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops), BARC and Dr. Paresh Chandra Golder, former Member Director, BARC, respectively.

Annual Review Workshop on Biotechnology Program of NARS Institutes

A review workshop on *Biotechnology Program* of NARS Institutes was held at BARC on 23 September, 2021. The objectives of the workshop were to review the research progress (2020-21) and research program (2021-22) of NARS institutes viz., BARI, BRRI, BINA, BJRI, BSRI, BWMRI, CDB & Universities viz., BAU, BSMRAU and SAU; National Institute of Biotechnology (NIB) and private sectors viz., BRAC & ACI to avoid duplication of research through appraisal of proposed programs aligning various national vision documents and research priority. The inaugural session was graced by Dr. Shaikh Mohammad Bokhtiar, Executive Chairman, Bangladesh Agricultural Research Council as chief guest while, Dr. Md Aziz Zilani Chowdhury, Member Director (Crops) chaired the session. Scientists and academia of the relevant fields of research institutes and agricultural universities attended the workshop as expert members. Prof. Dr. Rakha



Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops) addressing the program as chairperson

Hari Sarker, Chairman, Dept. of Botany, DU; Prof. Dr. Shahidul Haque, Dept. of Biotechnology, BAU; Prof. Dr. Md. Tofazzal Islam, IBGE, BSMRAU; Dr. Md. Shamsher Ali, former DG, BINA; Dr. Mirza Mofazzal Islam, DG, BINA attended the workshop as expert members. Dr. Shah Md. Monir Hossain, Principal Scientific Officer, Crops Division, BARC welcomed the

participants and briefed last years' recommendations.

The chief guest Dr. S M Bokhtiar acknowledged the outstanding achievements in agriculture due to hard labor rendered by NARS scientists. In this regard, he requested the expert members to oversee the last years' recommendations and progress. He praised for developing some promising technologies through

biotechnological tools after decade-long efforts. He urged all concerned to look toward developing bio-fortified crops and making Bangladesh with a sustainable and profitable farming system and ultimately commercial agriculture. Scientists

are being inspired by him for publishing their research findings in reputed journals. Present days' focus is to equip scientists with advanced technologies to cope with challenges posed by climate vulnerability, increased food demand and declining arable land,

he added. There were two technical sessions which were chaired by Prof. Dr. Shahidur Rashid Bhuiyan, Vice Chancellor, Sher-e-Bangla Agricultural University and Prof. Dr. Rakha Hari Sarker, Chairman, Department of Botany, University of Dhaka respectively.

Annual Review Workshop on Crop Improvement Program of NARS Institutes

A review workshop on *Crop Improvement Program* of NARS Institutes was held at BARC during 15-16 September, 2021. The objectives of the workshop were to review the research progress 2020-21 and research program 2021-22 of NARS institutes viz., BARI, BRRI, BINA, BJRI, BSRI, BSTRI, BWMRI and CDB to avoid duplication of research through appraisal of proposed programs aligning with different national vision documents and research priority. Scientists and academia of the relevant fields of research institutes and universities attended the workshop as expert members and offered a good number of recommendations/ suggestions for incorporation while planning future research programs. In the inaugural session Dr. Shaikh Mohammad Bokhtiar, Executive Chairman, BARC graced the session as chief guest, while the session was chaired by Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops), BARC. Dr. Shah Md. Monir Hossain, PSO (Crops), BARC welcomed and briefed last year's recommendations provided for the NARS institutes.

Dr. S M Bokhtiar, EC BARC acknowledged the activities of agricultural scientists for their outstanding works towards agricultural growth. He stated that achieving safe food, profitable agriculture and sustainable food



Annual Review Workshop on Crop Improvement Program of NARS Institutes: Research Progress (2020-21) & Research Program (2021-22) during 15-16 September, 2021

and nutrition security is our national agricultural vision. Such growth is due to favorable policy support and technologies developed by the scientists of NARS. He added that appropriate research programs are to be undertaken adhering climate changes under resource shrinking condition. However, he further added that the sector would receive momentum if previous years' recommendations are being integrated with research programs.

Six expert members namely Dr. Mohammad Jalal Uddin, former Executive Chairman, BARC; Dr. Bhagya Rani Banik, former Executive Chairman, BARC; Dr. Md. Abdul Jalil Bhuyan, former Director General, BRRI;

Dr. Md. Shahbuddin Ahmed, former Director (HRC), BARI; Dr. Md. Abdur Rashid, former CSO, HRC, BARI and Prof Dr. Gazi Md. Mohosin, Noakhali Science and Technology University were present in the two-day-long review workshop. There were four technical sessions chaired by Prof. Dr. Shahidur Rashid Bhuiyan, Vice Chancellor, Sher-e-Bangla Agricultural University; Dr. Mohammad Jalal Uddin, former Executive Chairman, BARC; Dr. Bhagya Rani Banik, former Executive Chairman, BARC and Dr. Md. Abdul Jalil Bhuyan, former Director General, BRRI, respectively.

Annual Review Workshop on Insect Management Program of NARS Institutes

A review workshop on *Insect Management Program* of NARS institutes viz., BARI, BRRI, BINA, BJRI, BSRI, BSRTI, BWMRI, CDB and BTRI was held at BARC on 13 September, 2021. The objective of the workshop was to review the research progress (2020-21) and the research program (2021-22) of NARS institutes to avoid duplication of research, to promote need based research addressing climate change issues and to take initiatives for the future research programs in alliance with various vision documents and research priority. Scientists and academia of the relevant fields of research institutes and agricultural universities were present as expert members in the workshop who have provided their valuable remarks and suggestions to follow in formulating future research programs. The inaugural session was chaired by Dr. Md. Aziz Zilani Chowdhury, Member Director, (Crops), BARC. Dr. Shah Md. Monir Hossain, Principal Scientific Officer (Crops), BARC welcomed the participants and briefed last year's recommendations for NARS institutes. Dr. Md. Aziz Zilani Chowdhury reckoned that as per APA (MoA) it is mandatory to submit institute wise research progress following previous years' (2020-21) recommendation. He added that an array of technological



Workshop on Insect Management Program of NARS Institutes: Research Progress (2020-21) & Research Program (2021-22).

breakthrough is highly demanding in sustaining food and nutrition security in context of huge food requirement for growing population together with declining natural resources and pest surge.

In recommendation session the chair Dr. S M Bokhtiar, Executive Chairman, BARC thanked all participating scientists for their presence. He appreciated the scientists for their contribution in bringing achievement in pest control of different crops. However, he urged to go through the various government agricultural policies for addressing challenges and take up programs accordingly. He further added the develop ways and means to minimize the use of pesticides to protect our environment and produce safe with high yield.

He also added that technology invention and policy support should advance first otherwise sustainable agriculture would not be likely.

Five expert members namely Prof. Dr. Khandaker Shariful Islam, Department of Entomology, BAU; Prof. Dr. Md. Ruhul Amin, Department of Entomology, BSMRAU; Prof. Dr. Mohammad Ali, Department of Entomology, SAU; Prof. Dr. Md. Ramiz Uddin Miah, Department of Entomology, BSMRAU and Dr. Syed Nurul Alam, Former Director, BARI were present in the workshop. Two technical sessions were chaired by Dr. Syed Nurul Alam, Former Director, BARI and Professor Dr. Khandaker Shariful Islam, Department of Entomology, BAU respectively.

Annual Review Workshop on Disease Management Program of NARS Institutes

A review workshop on *Disease Management Program* of NARS institutes was held at BARC on 12 September, 2021. The objectives of the workshop were to review

the research progress (2020-21) and programs (2021-22) of NARS institutes viz., BARI, BRRI, BINA, BJRI, BSRTI, BSTRI BWMRI, CDB and BTRI to avoid research

duplication through appraisal of proposed programs in align with different national vision documents and research priority. Scientists and academia of the relevant fields of

research institutes and agricultural universities attended the workshop as expert members and provided comments/suggestions for incorporation while planning future research programs. The inaugural session was chaired by Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops), BARC. In his welcome address he thanked experts and participants for their presence in midst of COVID-19 driven pandemic crisis around the globe. He highlighted that organizing annual research review workshop got a new momentum after introduction of 'Annual Performance Agreement' by the government. A growing concern for safe food across the globe triggered Good Agricultural Practices (GAP) which is also imminent to be due in Bangladesh for the sake of commercial agriculture and health benefits. He also stressed on developing disease management practices towards safe crop production targeting cost-effective production, minimizing post-harvest losses. In this regard, he suggested undertaking research activities for continuous upgrading of IDM technologies for safe food



Workshop on Disease Management Program of NARS Institutes: Research Progress 2020-21 & Research Program (2021-22) on 12 September, 2021

production. He added that we need to be very cautious as increased cropping intensity and productivity we follow always incurs high disease incidence which has to be addressed through invention and adoption of effective management practices. Later, Dr. Shah Md. Monir Hossain, PSO (Crops), BARC briefed last year's recommendations provided for the NARS institutes.

Five expert members, namely, Prof. Dr. Ismail Hossain Mian, Dept. of

Plant Pathology, BSMRAU, Prof. Dr. Ismail Hossain, Department of Plant Pathology, BAU, Dr. Bireswari Kumar Ghoswami, former DG, BINA, Dr. Tapan Kumar Dey, former Director, BARI and Dr. Md. Ansar Ali, former Director, BRRI were present in the day long workshop. There were two technical sessions chaired by Prof. Dr. Ismail Hossain Mian, Dept. of Plant Pathology, BSMRAU and Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops), BARC.

Training Workshop on Food Adulteration and Contamination vs Nutrition: Inside facts and Consumer Responsibility

Nutrition Unit is working for mitigating malnutrition through awareness building to the different stakeholders including food adulteration and its mitigation measures considering the food safety and quality issues. Therefore, as a part of the human resource development, Nutrition unit of BARC during the period between July to September, 2021. The training workshop has been organized in BFRI, Chattogram

to create awareness on food adulteration, contamination, promote nutrition knowledge, value addition of fish and fish products including agricultural crops production, processing and means to increase the knowledge of nutrition through capacity building.

A total of 75 participants from the multi-sectors like NARS scientists, officers, teachers (schools and universities etc.), sub-assistant

agriculture officers, health workers, NGO representatives, local journalists, pesticide dealers, producers, family farmers, traders, consumers, entrepreneurs and other government agency extension workers were attended.

Notably, the program was organized to disseminate the messages focusing on food adulteration and contamination and mitigation measures, value addition of agricultural produces and

importance of food-based nutrition with the view that acquired knowledge would be further transferred to neighbors' and other stakeholders. The course was designed with multidisciplinary sectors covering and emphasized the following areas viz., agriculture products, gardening, small-scale fish culture, livestock; food hygiene, sanitation, quality safe food, food security, micronutrient benefits, food utilization, cooking process, food adulteration and mitigation measures, improvement of nutrition level, processing to restore food value, nutrition care of lactating and pregnant women as well as adolescent girls and preservation techniques of fruits and vegetables, quality control, etc.

It's worthwhile to mention here that Dr. Sheikh Mohammad Bokhtiar, Executive Chairman, BARC was present as the Chief Guest and the



Training Workshop on Food Adulteration and Contamination vs Nutrition:

workshop was presided over by Dr. Masudur Rahman, Director, BFRI, Chattogram. The chief guest opined that this workshop for up scaling the knowledge of food adulteration and contamination, improved malnutrition and participants are benefited many

ways in their daily life.

Dr Md. Monirul Islam, Member Director (Fisheries), BARC was attended as a key speaker as well as to facilitate and to make the entire training workshop successful.

Annual Review Workshop on Socio-economic Research Program (2020-21) and Future Research Program (2021-22) of NARS Institutes

The Annual Review Workshop on *Socio-economic Research Program (2020-21) and Future Research Program (2021-22) of NARS Institutes* was held at Bangladesh Agricultural Research Council on 14 September 2021 organized by Agricultural Economics & Rural Sociology (AERS) Division, BARC. The workshop was presided over by Dr. Md. Mosharraf Uddin Molla, Member Director (AERS), BARC. At first, Session Chair welcomed all and stated aims of the workshop with highlighting the importance of this review workshop which is a part of Annual Performance Agreement (APA) of BARC. He also mentioned about the recommendations of the previous years' workshop which are expected to be incorporated



Annual Review Workshop on 'Socio-economic Research Program (2020-21) and Future Research Program (2021-22) of NARS Institutes'

in future research programs of the respective NARS institutes. A total of 70 participants including scientists, professors, agriculture experts and delegates attended the workshop from different research organizations, universities and private sectors. The present and future research activities were presented by the Head or nominee of the related division of five NARS institutes (BARI, BRRI, BINA, BSRI & BFRI) in technical session. Research program of the

Socio-economic Research Division, BLRI was not presented here due to absence of any representative from the institute. The technical session was presided over by Prof. Dr. Jahangir Alam Khan, VC, University of Global Village and Former Director General, BLRI, Dhaka. Five expert reviewers namely Dr. A.S.M. Anwarul Huq, Former Director General, BJRI, Prof.(Ex.) Dr. Shaikh Abdus Sabur, BAU, Mymensingh, Dr. B.A.A. Mustafi, Former Director

(A & CS), BRRI, Prof. Dr. Mohammad Mizanul Haque Kazal, SAU, Dhaka and Dr. M. Shahe Alam, Former CSO, Agricultural Economics Division, BRRI were reviewed the presented research programs critically. However, comments/suggestions were made in the day-long workshop by the expert reviewers and valued participants which are expected to be integrated in formulating future research programs of the respective divisions of NARS institutes.

Training on Citizen Charter

Manpower and Training Unit, BARC organized a day-long training on *Citizen Charter* as per APA Work Plan 2021-2022. The training was organized under the good governance activities in the Annual Performance Agreement (APA) scheduled by the Cabinet Division. The main objective of the training was to establish measurable and accountable public/institutional/ internal services through enhancing the skills of the employees. The 1st batch of the training was held on 18 September 2021 at BARC. As many as 40 officers of the Council attended the training program. Dr. Md. Aziz Zilani Chowdhury, Member Director (Crops), BARC inaugurated the day-long training as chief guest.

Dr. Humayra Sultana, Joint Secretary (Budget and Monitoring) and Focal Point, APA



Dr. Humayra Sultana, Joint Secretary, MoA conducting the training session as resource speaker

Team, Ministry of Agriculture and Dr. Md. Saifullah, Member Director (Admin & Finance) & Convener, APA Team, BARC conducted training sessions as resource speakers. A total of five topics like: i) Citizen Charter:

vision, mission & importance ii) Rules & regulations related to the provision of services, iii) Service delivery systems and timeline, iv) Types of services and v) BARC Citizen Charter etc were discussed in the training.

Training on Capability Development in Service Process Simplification (SPS)

An interactive training titled *Capability Development in Service Process Simplification (SPS)*

was held on 27 September 2021 at BARC. SPS is an e-governance initiative to simplify access to

public services by reducing the time, cost and number of visits (TCV) required for citizens to

access them. Computer and GIS Unit of BARC organized the training with technical collaboration of Aspire to Innovate (A2I) program of ICT division. 25 (Twenty Five) BARC scientists/officers attended the training program. Four earlier proposed services were studied to be simplified by four groups of BARC scientists/officers.



Training on Capability Development in Service Process Simplification (SPS) on 27 September, 2021

Project Advisory Committee Meeting of ‘Land Suitability Assessment and Crop Zoning System of Bangladesh’ Project

Bangladesh Agricultural Research Council (BARC) has been implementing the *Development of Upazila Land Suitability Assessment and Crop Zoning System of Bangladesh* project since June 2017. The purpose is to develop a method to optimize

land utilization through GIS-based technology at the upazila level. The work is much importance; as currently, the country is facing many different challenges to elevate productivity and to sustain growth in feeding the increasing population. In the meanwhile, Crop Zoning Information Software (CZIS), ‘Khamari’ mobile app and Agri-advisory portal have been developed (www.cropzoning.gov.bd). At present, validation of outputs, crop

zoning for updated Upazila, fixing of bugs, adding new features in the software, development of dashboard etc. are being carried out.

In view of the importance of the crop zoning at national level, a project advisory committee has been formed with Executive Chairman as chairperson for providing strategic guidance on project implementation. A meeting of the Project Advisory Committee



‘Khamari’ mobile app



Project Advisory Committee meeting was held on 06 September 2021

was held on 06 September 2021 at the Conference Room-1 of Bangladesh Agricultural Research Council (BARC). The Executive Chairman of BARC and Chairman of the Project Advisory Committee Dr. Shaikh Mohammad Bokhtiar chaired the meeting. The committee members and the Principal Investigator of the IWM and SRDI component and project personnel attended the meeting. The main agenda of the meeting was to review the implementation progress and suggest necessary measures for achieving the goals and objectives of the project.

The meeting started with a welcome address by Dr. Md. Aziz Zilani Chowdhury, Project Coordinator and Member Director (Crops), BARC. The overall progress and achievement of the project were presented by Mr. Hasan Md. Hamidur Rahman, Principal Investigator of the project and Director (Computer & GIS), BARC. Afterwards, the Co-Principal Investigator of SRDI and Database Specialist of IWM

presented the implementation progress of the project of their respective institutions. The Project Manager of Crop Zoning project Md. Abeer Hossain Chowdhury demonstrated the crop zoning dashboard and 'Khamari' mobile app developed under the project.

The Executive Chairman of BARC expressed satisfaction on the overall progress of the project. He suggested organizing a stakeholder

workshop to demonstrate the crop zoning software and 'Khamari' mobile app for getting feedback and suggestions from the participants. He also suggested for validation of outputs and instructed for preparing a project proposal for completion of crop zoning in the remaining Upazila. He hoped crop zoning once completed would have a significant impact on agricultural productivity and production.



Project Advisory Committee meeting was held on 06 September 2021

Training on e-Filing for BARC Personnels

A training on *e-Filing* was held during 12 - 13 April 2021 at BARC computer training lab. Computer and GIS Unit organized the training for technical support from Aspire to Innovate (A2i) program of ICT division. Total 38 (thirty eight) number of BARC scientists/officers attended the training program in two batches. This training was supposed to help the participants to ensure greater efficiency, transparency, accountability and better service delivery in performing the official tasks. BARC has a significant achievement for e-Filing to fulfill its target under the Annual Performance Agreement (APA).



Workshop Training on e-Filing System for BARC Personnels

The BARC Newsletter is published quarterly by Bangladesh Agricultural Research Council (BARC) to provide news and information on agricultural research and development of the NARS and other concerned organizations in Bangladesh.

Any query concerning the newsletter or its contents, comments and suggestions for our endeavour would highly be appreciated.

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